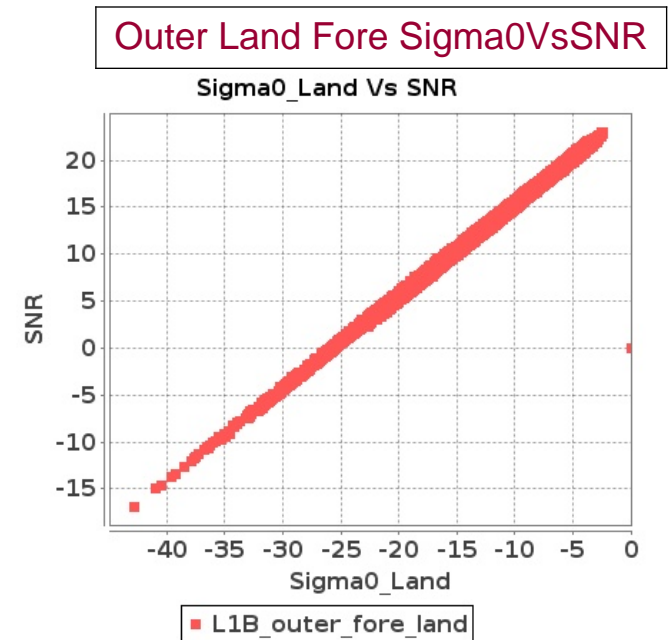
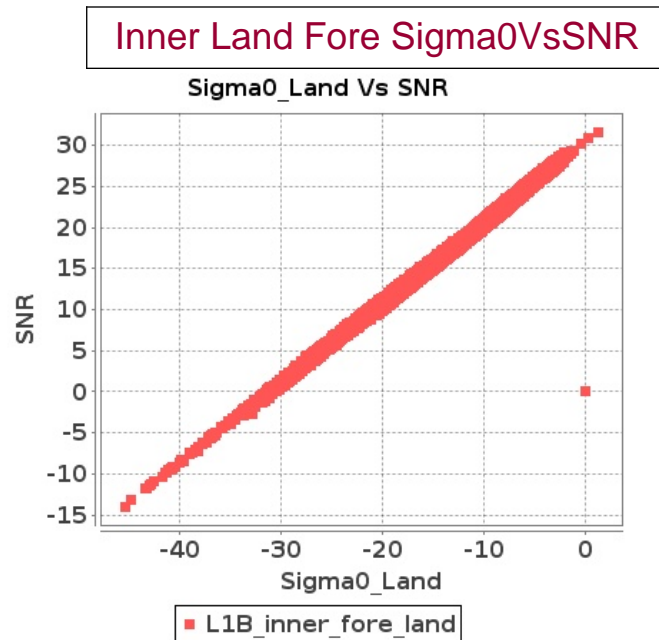
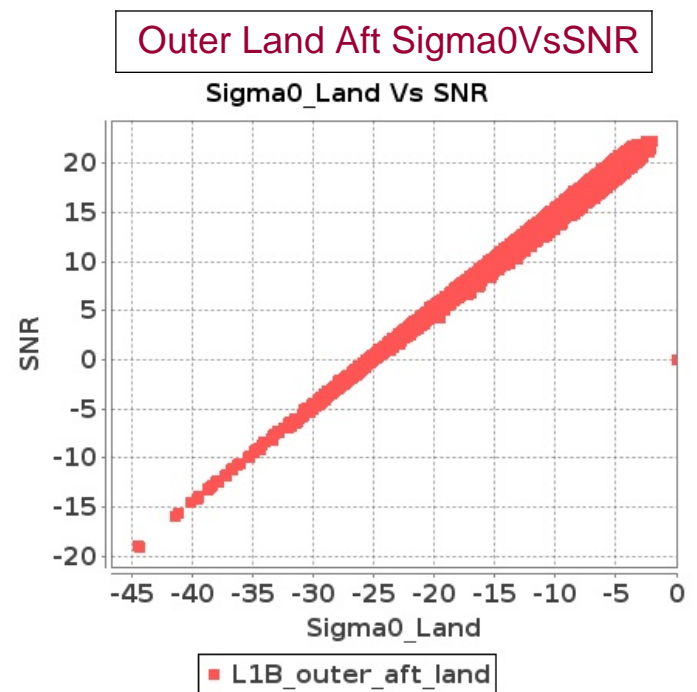
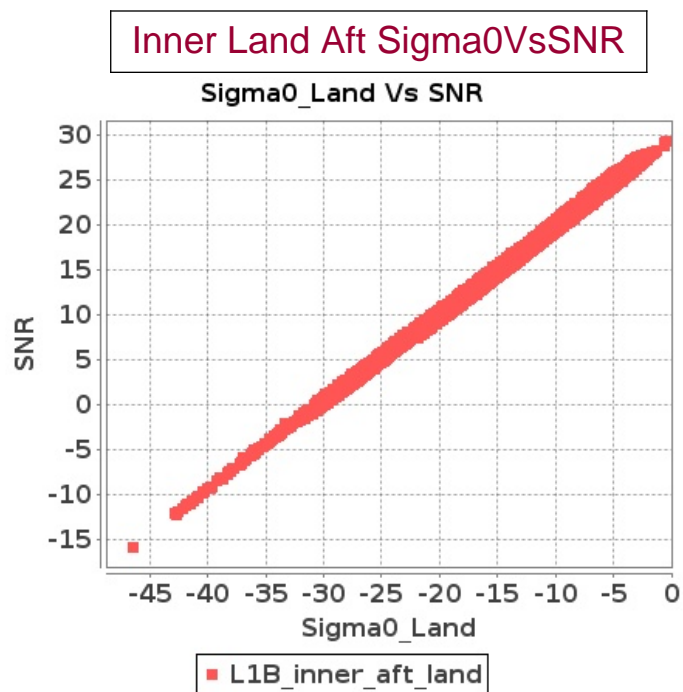
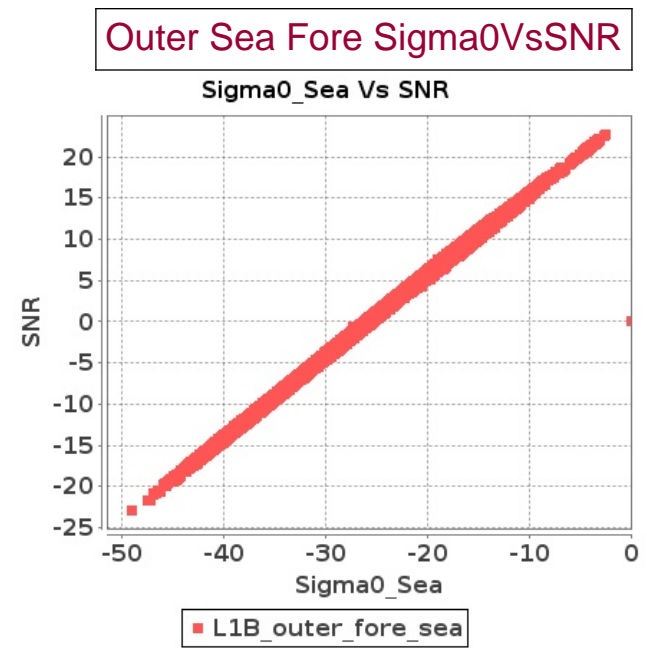
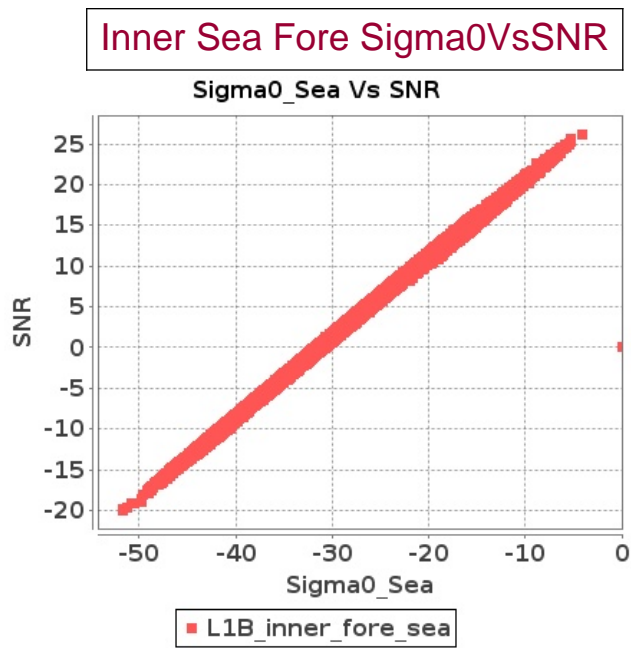
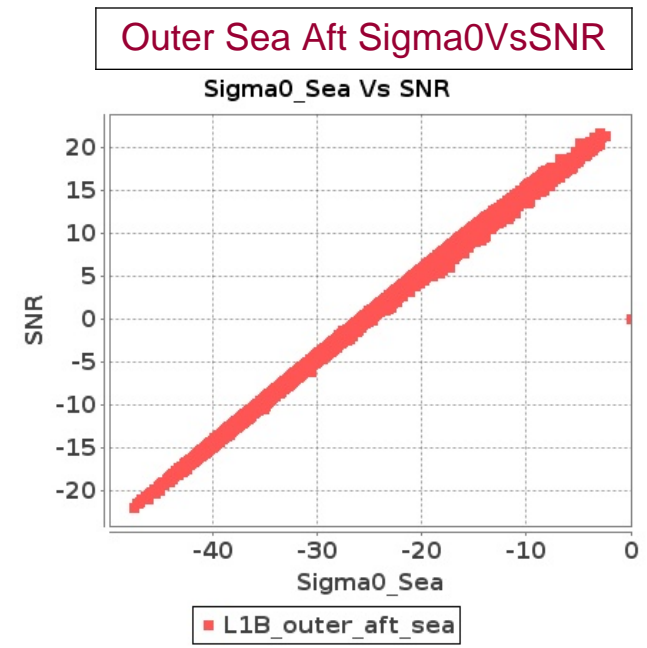
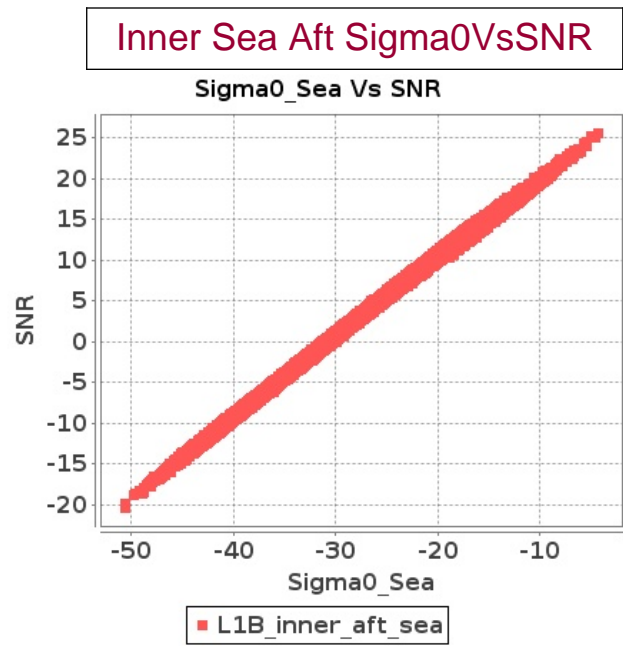
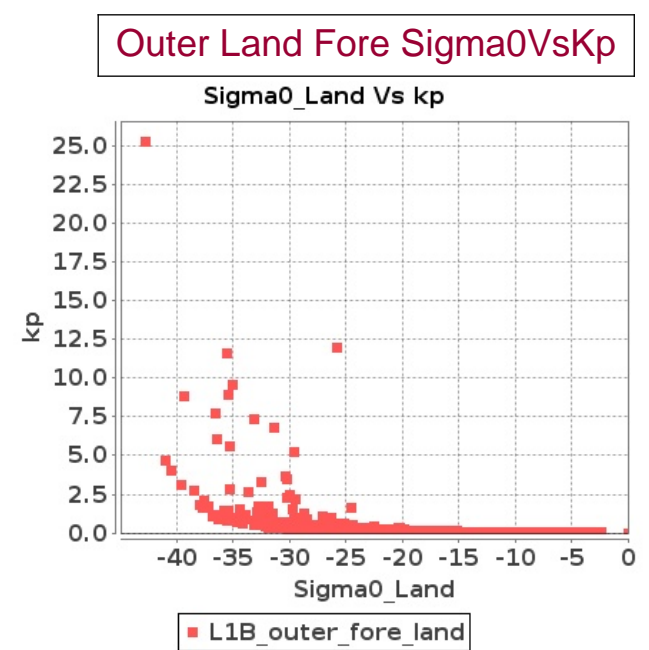
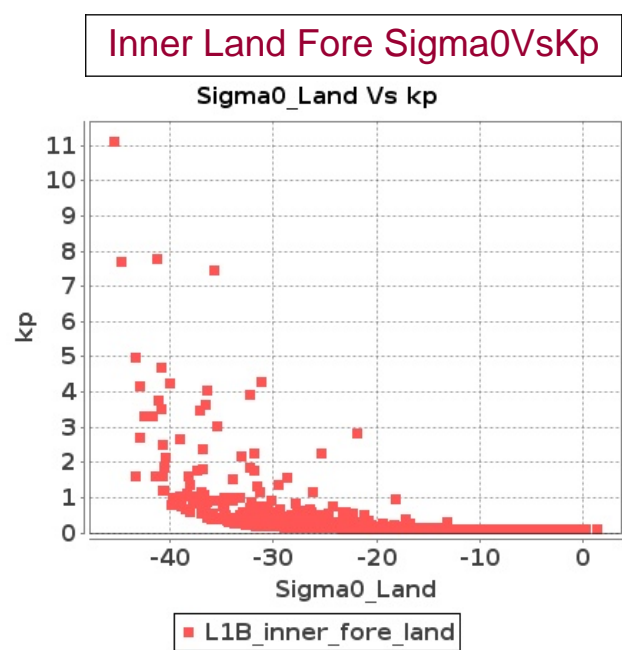
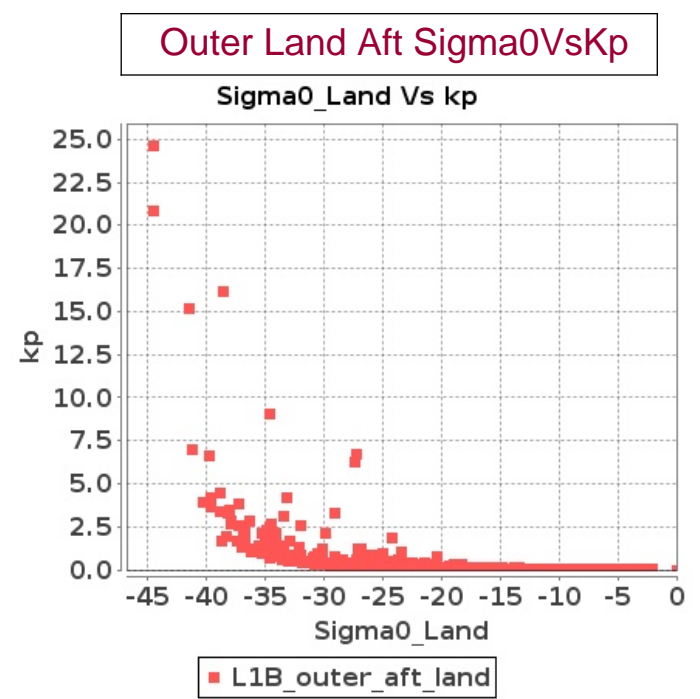
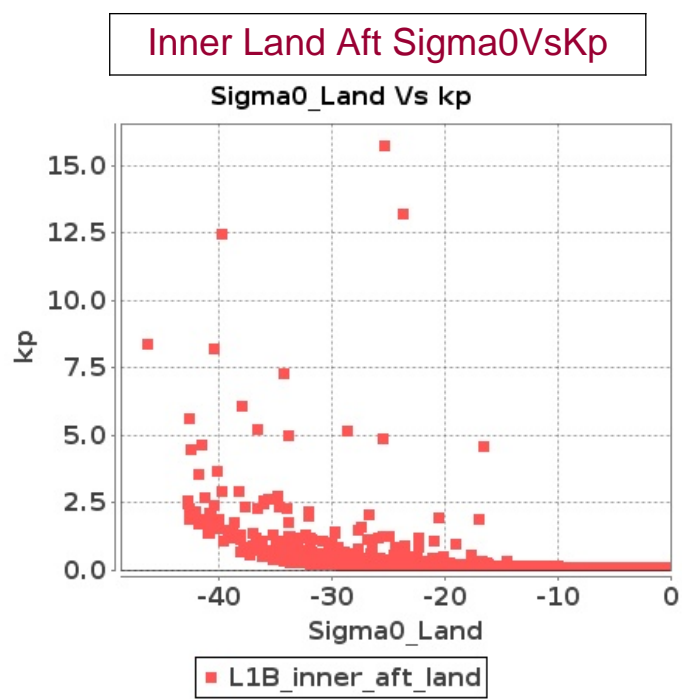
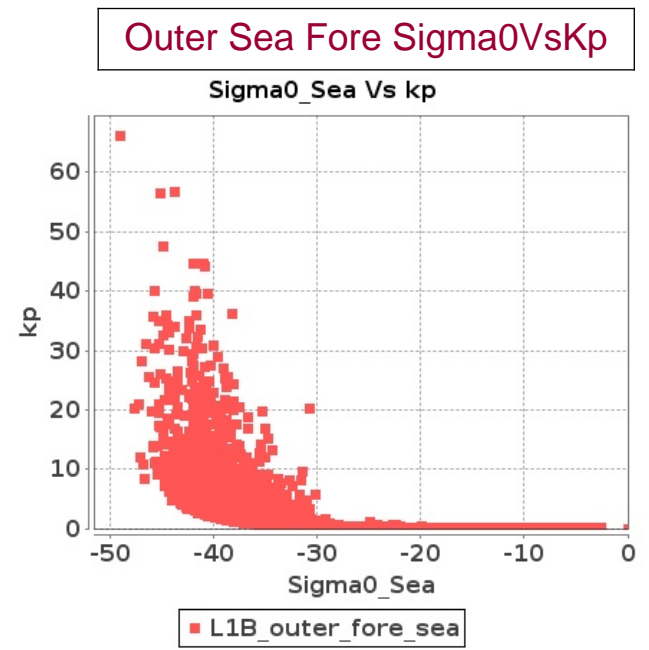
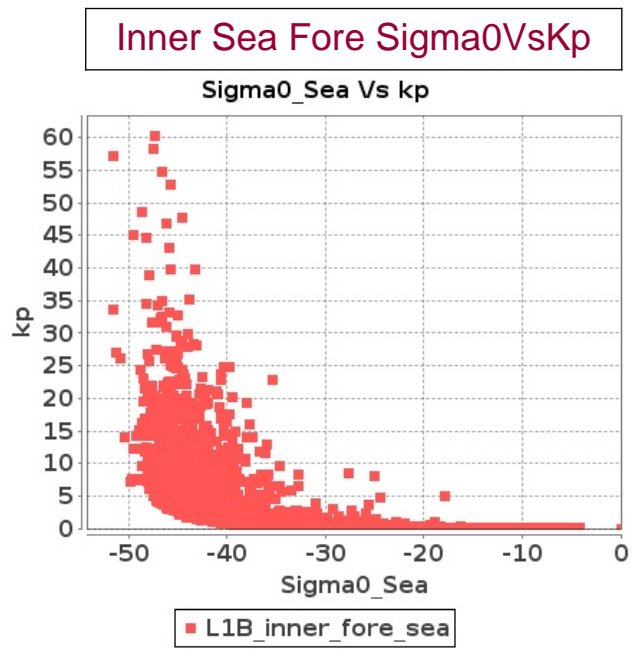
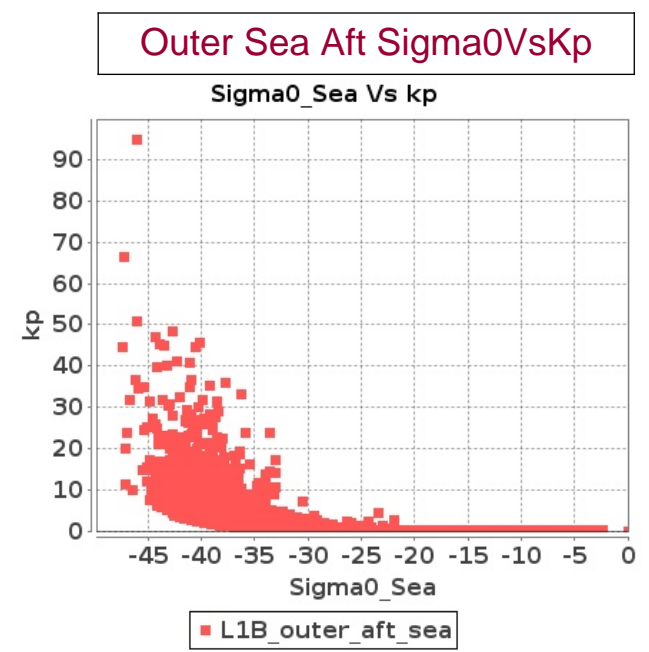
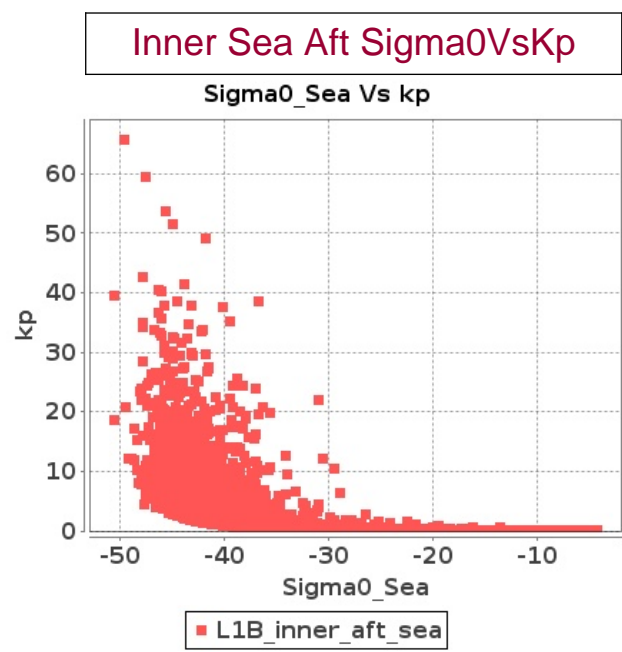


# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 07-JUN-2018 To 08-JUN-2018





# SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 07-JUN-2018 To 08-JUN-2018





					Inner											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	8972	8973	SN	1	48.795	49.598	0.0	0.003	6.695	2.077	1037.168	1099.112	9.336	-91.936	-89.914	0.0
2	8972	8973	SN	1	48.795	49.598	0.0	0.0	132.994	2.793	1035.72	1099.112	8.982	-91.936	-89.896	0.0
3	8972	8973	SN	2	48.795	49.598	0.0	0.0	132.994	2.793	1035.72	1099.112	8.983	-91.936	-89.896	0.0
4	8973	8974	NS	1	48.624	49.364	0.0	0.003	264.604	2.62	1018.936	1097.16	16.084	-91.707	-89.709	0.0
5	8973	8974	NS	1	48.624	49.364	0.0	0.003	264.604	2.634	1018.936	1097.16	16.068	-91.707	-89.709	0.0
6	8973	8974	SN	1	48.814	49.529	0.0	0.003	6.701	2.595	1035.72	1099.072	8.439	-91.784	-89.896	0.0
7	8973	8974	SN	1	48.814	49.529	0.0	0.003	6.701	2.603	1035.736	1099.072	8.434	-91.784	-89.896	0.0
8	8974	8975	SN	1	48.751	49.53	0.0	0.003	279.577	2.381	1035.816	1099.224	8.201	-91.968	-89.897	0.0
9	8974	8975	NS	2	48.615	49.372	0.0	0.0	267.373	2.652	1018.328	1097.4	16.71	-91.711	-89.653	0.0
10	8974	8975	SN	1	48.758	49.53	0.0	0.003	279.577	2.384	1035.944	1099.224	8.21	-91.843	-89.897	0.0
11	8974	8975	SN	1	48.751	49.53	0.0	0.003	279.577	2.497	1035.624	1099.224	8.123	-91.968	-89.893	0.0
12	8974	8975	NS	1	48.616	49.373	0.0	0.0	267.373	2.651	1018.352	1097.384	16.638	-91.801	-89.653	0.0
13	8975	8976	NS	1	48.626	49.367	0.0	0.0	264.4	2.7	1018.976	1097.384	16.382	-91.884	-89.704	0.0
14	8975	8976	SN	1	48.761	49.528	0.0	0.003	6.695	2.531	1035.528	1099.16	7.985	-91.621	-89.889	0.0
15	8976	8977	NS	1	48.626	49.421	0.0	0.003	264.477	2.625	1019.336	1097.32	15.371	-91.862	-89.71	0.0
16	8976	8977	SN	1	48.748	49.528	0.0	0.003	6.679	2.168	1035.624	1099.048	8.1	-91.725	-89.908	0.0
17	8976	8977	SN	1	48.748	49.528	0.0	0.003	6.679	2.511	1035.592	1099.048	7.909	-91.725	-89.893	0.0
18	8977	8978	SN	1	48.741	49.528	0.0	0.003	29.144	2.517	1035.448	1099.008	7.603	-91.803	-89.896	0.0
19	8977	8978	NS	1	48.604	49.364	0.0	0.003	42.289	2.698	1018.472	1097.2	15.59	-91.552	-89.714	0.0
20	8977	8978	SN	1	48.741	49.528	0.0	0.003	29.144	2.565	1035.448	1099.008	7.578	-91.803	-89.894	0.0
21	8978	8979	SN	1	48.754	49.545	0.0	0.003	28.248	2.632	1035.456	1098.992	7.988	-91.8	-89.89	0.0
22	8978	8979	NS	1	48.571	49.408	0.0	0.0	41.178	2.737	1019.256	1097.176	15.76	-91.837	-89.724	0.0
23	8978	8979	SN	1	48.754	49.545	0.0	0.003	28.248	2.257	1035.72	1098.992	8.182	-91.8	-89.905	0.0
24	8979	8980	NS	1	48.565	49.401	0.0	0.0	39.62	2.743	1019.136	1097.352	16.92	-91.763	-89.727	0.0
25	8979	8980	SN	1	48.794	49.592	0.0	0.003	6.695	2.669	1035.464	1099.176	8.739	-91.953	-89.893	0.0
26	8979	8980	SN	1	48.788	49.592	0.0	0.003	6.695	1.593	1036.424	1099.176	9.412	-91.953	-89.922	0.0
27	8980	8981	NS	1	48.568	49.426	0.0	0.003	210.656	2.671	1019.16	1097.456	16.645	-91.907	-89.726	0.0
28	8987	8988	SN	1	48.788	49.552	0.0	0.003	6.706	2.487	1035.952	1099.344	9.94	-91.944	-89.898	0.0
29	8987	8988	SN	1	48.788	49.552	0.0	0.003	6.706	2.727	1035.208	1099.344	9.727	-91.944	-89.888	0.0
30	8987	8988	NS	1	48.569	49.415	0.0	0.003	268.034	2.771	1018.576	1097.568	15.007	-91.785	-89.709	0.0
31	8988	8989	SN	1	48.809	49.53	0.0	0.003	279.588	2.53	1035.128	1099.512	9.316	-91.821	-89.888	0.0
32	8988	8989	SN	1	48.809	49.53	0.0	0.003	279.588	2.425	1035.432	1099.512	9.403	-91.821	-89.89	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

- Normal
- Deviations
- Alarming
- High Errors

33	8988	8989	SN	1	48.809	49.53	0.0	0.003	279.588	2.428	1035.432	1099.512	9.415	-91.821	-89.89	0.0
34	8988	8989	NS	1	48.62	49.422	0.0	0.0	42.088	2.684	1019.48	1097.816	16.545	-91.834	-89.669	0.0
35	8989	8990	NS	1	48.627	49.43	0.0	0.003	41.74	2.593	1019.6	1097.952	16.581	-92.099	-89.671	0.0
36	8989	8990	SN	1	48.801	49.556	0.0	0.0	214.754	2.429	1035.536	1099.576	9.392	-91.768	-89.894	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

 Normal	 Deviations
 Alarming	 High Errors

Inner																												
SNR																Kp												
				Sea Aft			Sea Fore			Land Aft			Land Fore			Sea Aft			Sea Fore			Land Aft			Land Fore			
SrNo	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	8972	8973	SN	1	-34.951	25.869	0.308	-34.786	25.928	0.759	-25.805	28.354	11.909	-27.891	30.192	16.085	0.116	303.124	6.506	0.116	291.727	5.382	0.116	36.98	0.11	0.116	59.707	0.087
2	8972	8973	SN	1	-34.951	25.869	0.338	-34.786	25.928	0.694	-25.805	28.354	11.975	-27.891	30.192	16.083	0.116	303.124	6.173	0.116	291.727	4.886	0.116	36.98	0.11	0.116	59.707	0.087
3	8972	8973	SN	2	-34.951	25.869	0.338	-34.786	25.928	0.694	-25.805	28.354	11.975	-27.891	30.192	16.083	0.116	303.124	6.174	0.116	291.727	4.887	0.116	36.98	0.11	0.116	59.707	0.087
4	8973	8974	NS	1	-34.919	26.889	0.023	-33.99	27.815	0.02	-0.08	33.428	17.743	1.863	35.105	32.417	0.116	300.857	2.303	0.116	242.933	2.259	0.116	0.202	0.0	0.116	0.169	0.0
5	8973	8974	NS	1	-34.374	26.889	0.023	-34.226	27.814	0.02	-0.086	33.428	17.741	1.854	35.105	32.414	0.116	265.404	2.297	0.116	256.455	2.252	0.116	0.202	0.0	0.116	0.169	0.0
6	8973	8974	SN	1	-34.311	25.868	0.371	-34.846	26.214	0.607	-20.316	32.382	10.737	-27.317	30.637	7.733	0.116	261.557	2.796	0.116	295.856	2.552	0.116	10.512	0.027	0.116	52.33	0.023
7	8973	8974	SN	1	-34.311	25.868	0.371	-34.846	26.214	0.619	-20.316	32.382	10.726	-27.317	30.637	7.733	0.116	261.557	2.796	0.116	295.856	2.548	0.116	10.512	0.027	0.116	52.33	0.023
8	8974	8975	SN	1	-32.874	24.457	0.023	-34.889	24.548	0.018	6.736	28.671	12.071	6.021	31.347	6.824	0.116	187.89	0.866	0.116	298.792	0.629	0.116	0.132	0.0	0.116	0.135	0.0
9	8974	8975	NS	2	-34.708	23.683	0.009	-34.704	24.938	0.008	-9.235	29.37	10.761	-6.534	30.404	19.931	0.116	286.588	2.357	0.116	286.261	2.029	0.116	0.905	0.0	0.116	0.53	0.0
10	8974	8975	SN	1	-31.692	24.457	0.023	-34.889	24.548	0.018	6.736	28.671	12.071	6.021	31.347	6.821	0.116	143.12	0.867	0.116	298.792	0.63	0.116	0.132	0.0	0.116	0.135	0.0
11	8974	8975	SN	1	-32.874	24.457	0.023	-34.889	24.548	0.018	6.736	28.671	12.071	6.021	31.347	6.824	0.116	187.89	0.854	0.116	298.792	0.622	0.116	0.132	0.0	0.116	0.135	0.0
12	8974	8975	NS	1	-34.699	23.683	0.009	-34.574	24.938	0.008	-9.235	29.37	10.763	-6.534	30.404	19.93	0.116	286.037	2.358	0.116	277.812	2.028	0.116	0.905	0.0	0.116	0.53	0.0
13	8975	8976	NS	1	-33.65	24.488	0.007	-32.04	24.455	0.009	-13.349	28.841	9.836	-8.414	31.622	18.518	0.116	224.678	1.463	0.116	155.065	1.15	0.116	2.185	0.002	0.116	0.765	0.0
14	8975	8976	SN	1	-34.736	22.466	0.005	-34.649	23.406	0.025	4.409	27.563	12.474	4.955	28.697	5.233	0.116	288.437	2.571	0.116	282.795	2.17	0.116	0.144	0.0	0.116	0.141	0.0
15	8976	8977	NS	1	-34.498	20.162	0.0	-33.833	21.853	0.0	-19.551	28.711	7.942	-21.319	30.523	13.727	0.116	273.067	1.343	0.116	234.323	1.151	0.116	8.828	0.013	0.116	13.22	0.008
16	8976	8977	SN	1	-34.707	24.118	0.028	-34.424	24.452	0.051	3.741	28.959	17.924	5.167	28.836	19.913	0.116	286.48	5.7	0.116	268.467	4.776	0.116	0.15	0.0	0.116	0.14	0.0
17	8976	8977	SN	1	-34.707	24.118	0.028	-34.424	24.452	0.05	3.749	28.959	17.788	5.167	28.836	19.226	0.116	286.48	5.533	0.116	268.467	4.675	0.116	0.15	0.0	0.116	0.14	0.0
18	8977	8978	SN	1	-34.97	22.452	0.001	-34.81	22.506	0.002	3.551	28.009	15.559	3.316	28.88	16.353	0.116	304.326	5.77	0.116	293.428	4.794	0.116	0.151	0.0	0.116	0.153	0.0
19	8977	8978	NS	1	-33.376	21.186	0.0	-34.787	21.199	0.0	-20.383	28.567	9.244	-9.336	30.147	15.638	0.116	210.924	2.677	0.116	291.811	2.153	0.116	10.674	0.008	0.116	0.924	0.0
20	8977	8978	SN	1	-34.97	22.452	0.001	-34.81	22.506	0.002	3.551	28.009	15.556	3.316	28.88	16.353	0.116	304.326	5.75	0.116	293.428	4.775	0.116	0.151	0.0	0.116	0.153	0.0
21	8978	8979	SN	1	-34.973	21.624	0.0	-34.639	23.071	0.001	3.639	30.097	12.141	1.281	31.573	12.135	0.116	304.593	4.252	0.116	282.077	4.205	0.116	0.15	0.0	0.116	0.177	0.0
22	8978	8979	NS	1	-34.852	25.97	0.202	-34.999	26.247	0.434	-4.873	29.386	11.89	-4.229	31.782	18.435	0.116	296.236	5.307	0.116	306.483	4.998	0.116	0.394	0.0	0.116	0.353	0.0
23	8978	8979	SN	1	-34.973	21.624	0.0	-34.639	23.071	0.001	3.639	30.097	12.197	1.281	31.573	12.13	0.116	304.593	4.38	0.116	282.077	4.353	0.116	0.15	0.0	0.116	0.177	0.0
24	8979	8980	NS	1	-34.812	24.879	0.294	-34.823	25.982	0.601	6.49	32.393	10.882	7.539	29.939	20.458	0.116	293.489	5.76	0.116	294.287	5.314	0.116	0.133	0.0	0.116	0.129	0.0
25	8979	8980	SN	1	-34.943	23.816	0.016	-33.859	25.564	0.037	-22.16	34.621	14.993	-18.429	34.605	17.454	0.116	302.541	1.231	0.116	235.726	1.298	0.116	16.026	0.015	0.116	6.838	0.008
26	8979	8980	SN	1	-34.943	23.816	0.017	-33.859	25.564	0.024	-22.31	34.621	15.926	-18.429	34.605	17.523	0.116	302.541	1.335	0.116	235.726	1.503	0.116	16.584	0.016	0.116	6.838	0.008
27	8980	8981	NS	1	-34.789	24.4	0.106	-34.521	24.817	0.214	-3.794	28.564	24.086	2.454	29.675	41.649	0.116	291.928	3.084	0.116	274.49	2.387	0.116	0.33	0.0	0.116	0.162	0.0
28	8987	8988	SN	1	-34.153	25.192	0.224	-32.416	25.558	0.735	-30.021	35.222	13.516	-27.917	29.752	17.056	0.116	252.187	2.644	0.116	169.08	2.277	0.116	97.464	0.247	0.116	60.08	0.197
29	8987	8988	SN	1	-34.704	25.192	0.224	-32.416	25.558	0.704	-29.755	35.222	13.497	-27.917	29.752	17.048	0.116	286.333	2.524	0.116	169.08	2.178	0.116	91.667	0.246	0.116	60.08	0.196
30	8987	8988	NS	1	-33.71	27.606	0.024	-32.77	27.938	0.029	5.006	32.815	19.149	6.426	35.56	30.618	0.116	227.815	2.12	0.116	183.42	1.666	0.116	0.141	0.0	0.116	0.133	0.0
31	8988	8989	SN	1	-34.464	24.084	0.048	-33.721	24.786	0.078	-3.892	29.73	9.354	-2.964	29.072	5.469	0.116	270.912	1.813	0.116	228.36	1.516	0.116	0.335	0.0	0.116	0.29	0.0
32	8988	8989	SN	1	-34.464	24.084	0.048	-33.721	24.786	0.079	-3.892	29.73	9.354	-2.964	29.072	5.469	0.116	270.912	1.841	0.116	228.36	1.537	0.116	0.335	0.0	0.116	0.29	0.0
33	8988	8989	SN	1	-34.464	24.084	0.048	-33.721	24.786	0.079	-3.889	29.73	9.377	-2.965	29.072	5.475	0.116	270.912	1.838	0.116	228.36	1.538	0.116	0.334	0.0	0.116	0.29	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

- Normal
- Deviations
- Alarming
- High Errors

34	8988	8989	NS	1	-34.27	26.344	0.032	-31.407	27.638	0.027	-14.659	33.595	13.659	-14.464	32.651	25.574	0.116	259.098	1.417	0.116	134.078	1.416	0.116	2.923	0.009	0.116	2.944	0.005
35	8989	8990	NS	1	-33.372	23.617	0.001	-34.598	23.895	0.003	-16.232	29.262	10.433	-8.521	29.512	18.977	0.116	210.681	2.499	0.116	279.478	2.303	0.116	4.159	0.004	0.116	0.782	0.0
36	8989	8990	SN	1	-34.501	22.574	0.003	-34.425	23.332	0.025	2.129	29.463	15.27	6.634	29.489	7.86	0.116	273.216	1.253	0.116	268.552	0.97	0.116	0.166	0.0	0.116	0.133	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

- Normal
- Deviations
- Alarming
- High Errors


					Outer											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	8972	8973	SN	1	57.54	58.453	0.0	0.003	298.455	3.437	1214.344	1292.816	19.744	-93.225	-91.969	0.0
2	8972	8973	SN	1	57.54	58.453	0.0	0.0	298.455	3.938	1213.624	1292.816	19.033	-93.227	-91.95	0.0
3	8972	8973	SN	2	57.54	58.453	0.0	0.0	298.455	3.938	1213.624	1292.816	19.033	-93.227	-91.95	0.0
4	8973	8974	NS	1	57.36	58.254	0.0	0.0	292.896	3.674	1192.848	1289.784	48.444	-93.383	-91.765	0.0
5	8973	8974	NS	1	57.36	58.254	0.0	0.0	292.896	3.684	1192.848	1289.784	48.4	-93.383	-91.765	0.0
6	8973	8974	SN	1	57.566	58.441	0.0	0.0	293.464	3.656	1213.632	1292.784	18.486	-93.239	-91.95	0.0
7	8973	8974	SN	1	57.566	58.441	0.0	0.0	293.464	3.67	1213.648	1292.784	18.473	-93.239	-91.95	0.0
8	8974	8975	SN	1	57.534	58.457	0.0	0.0	293.63	3.415	1213.816	1292.952	17.881	-93.276	-91.952	0.0
9	8974	8975	NS	2	57.36	58.257	0.0	0.0	293.657	3.617	1192.32	1290.088	49.709	-93.383	-91.705	0.0
10	8974	8975	SN	1	57.544	58.457	0.0	0.0	293.63	3.418	1213.944	1292.952	17.9	-93.276	-91.952	0.0
11	8974	8975	SN	1	57.534	58.457	0.0	0.0	293.63	3.51	1213.464	1292.952	17.712	-93.276	-91.948	0.0
12	8974	8975	NS	1	57.361	58.256	0.0	0.0	293.619	3.615	1192.656	1290.056	49.673	-93.383	-91.705	0.0
13	8975	8976	NS	1	57.361	58.264	0.0	0.0	295.996	3.781	1193.216	1290.08	49.762	-93.382	-91.755	0.0
14	8975	8976	SN	1	57.528	58.421	0.0	0.0	298.957	3.513	1213.448	1292.864	17.913	-93.204	-91.948	0.0
15	8976	8977	NS	1	57.361	58.26	0.0	0.0	299.602	3.665	1193.328	1290.0	48.861	-93.504	-91.764	0.0
16	8976	8977	SN	1	57.526	58.42	0.0	0.0	284.011	3.34	1213.352	1292.72	18.24	-93.043	-91.961	0.0
17	8976	8977	SN	1	57.538	58.42	0.0	0.0	295.742	3.535	1213.44	1292.72	17.852	-93.043	-91.947	0.0
18	8977	8978	SN	1	57.522	58.42	0.0	0.0	296.47	3.482	1213.368	1292.664	18.172	-93.323	-91.949	0.0
19	8977	8978	NS	1	57.33	58.254	0.0	0.0	293.139	3.733	1192.984	1289.824	48.619	-93.38	-91.766	0.0
20	8977	8978	SN	1	57.522	58.42	0.0	0.0	296.47	3.56	1213.368	1292.664	18.109	-93.323	-91.948	0.0
21	8978	8979	SN	1	57.528	58.44	0.0	0.0	293.696	3.68	1213.312	1292.648	18.482	-93.71	-91.947	0.0
22	8978	8979	NS	1	57.335	58.255	0.0	0.0	296.586	3.732	1192.84	1289.824	47.531	-93.167	-91.769	0.0
23	8978	8979	SN	1	57.528	58.44	0.0	0.0	293.696	3.469	1213.456	1292.648	18.92	-93.193	-91.958	0.0
24	8979	8980	NS	1	57.344	58.254	0.0	0.0	297.126	3.687	1192.224	1289.96	50.58	-93.38	-91.779	0.0
25	8979	8980	SN	1	57.563	58.431	0.0	0.0	293.084	3.725	1213.32	1292.888	18.998	-93.573	-91.944	0.0
26	8979	8980	SN	1	57.563	58.431	0.0	0.0	293.084	2.741	1214.368	1292.888	20.498	-93.2	-91.982	0.0
27	8980	8981	NS	1	57.331	58.261	0.0	0.0	296.652	3.733	1192.248	1290.16	49.139	-93.38	-91.779	0.0
28	8987	8988	SN	1	57.538	58.442	0.0	0.0	294.496	3.73	1213.344	1293.08	19.864	-93.231	-91.952	0.0
29	8987	8988	SN	1	57.559	58.442	0.0	0.0	294.496	3.87	1213.0	1293.08	19.467	-93.744	-91.943	0.0
30	8987	8988	NS	1	57.33	58.257	0.0	0.0	299.564	3.902	1192.992	1290.288	47.392	-93.408	-91.752	0.0
31	8988	8989	SN	1	57.557	58.425	0.0	0.003	298.571	3.603	1212.912	1293.264	17.671	-93.248	-91.942	0.0
32	8988	8989	SN	1	57.557	58.425	0.0	0.003	298.571	3.511	1213.312	1293.264	17.828	-93.248	-91.946	0.0
33	8988	8989	SN	1	57.557	58.425	0.0	0.003	298.571	3.514	1213.312	1293.264	17.85	-93.248	-91.946	0.0
34	8988	8989	NS	1	57.362	58.259	0.0	0.0	294.738	3.721	1193.512	1290.592	49.369	-93.537	-91.722	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	57.3	0.0	1210.0	-100.0
	Max	58.9	0.0	1280.0	-80.0

 Normal	 Deviations
 Alarming	 High Errors

35	8989	8990	NS	1	57.354	58.268	0.0	0.0	296.321	3.541	1193.656	1290.768	50.092	-93.377	-91.716	0.0
36	8989	8990	SN	1	57.54	58.423	0.0	0.0	296.679	3.512	1212.944	1293.36	18.128	-93.256	-91.948	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	57.3	0.0	1210.0	-100.0
	Max	58.9	0.0	1280.0	-80.0





 Normal	 Deviations
 Alarming	 High Errors



Outer																												
SNR															Kp													
SrNo	Start Orbit	End Orbit	Dir.	Ver.	Sea Aft			Sea Fore			Land Aft			Land Fore			Sea Aft			Sea Fore			Land Aft			Land Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	8972	8973	SN	1	-34.699	18.663	0.0	-34.646	18.779	0.0	-23.548	22.475	0.006	-26.124	22.279	0.005	0.086	218.598	5.034	0.086	215.988	4.619	0.086	16.832	0.084	0.086	30.396	0.141
2	8972	8973	SN	1	-34.699	18.663	0.0	-34.871	18.779	0.0	-23.548	22.475	0.006	-26.124	22.262	0.005	0.086	218.598	4.848	0.086	227.389	4.19	0.086	16.832	0.083	0.086	30.396	0.141
3	8972	8973	SN	2	-34.699	18.663	0.0	-34.871	18.779	0.0	-23.548	22.475	0.006	-26.124	22.262	0.005	0.086	218.598	4.848	0.086	227.389	4.19	0.086	16.832	0.083	0.086	30.396	0.141
4	8973	8974	NS	1	-34.923	21.142	0.0	-33.768	21.55	0.0	-8.081	23.634	0.021	-20.471	26.344	0.11	0.086	230.174	2.712	0.086	176.383	2.821	0.086	0.543	0.0	0.086	8.319	0.003
5	8973	8974	NS	1	-34.691	21.142	0.0	-34.804	21.548	0.0	-8.087	23.634	0.021	-20.316	26.344	0.11	0.086	218.166	2.705	0.086	223.923	2.813	0.086	0.544	0.0	0.086	8.029	0.003
6	8973	8974	SN	1	-34.575	19.174	0.0	-34.778	19.418	0.0	-31.953	22.082	0.004	-34.312	23.385	0.048	0.086	212.41	3.315	0.086	222.607	2.842	0.086	116.185	0.202	0.086	199.979	0.333
7	8973	8974	SN	1	-34.543	19.174	0.0	-34.778	19.418	0.0	-31.953	22.082	0.004	-34.312	23.385	0.048	0.086	210.856	3.314	0.086	222.607	2.838	0.086	116.185	0.202	0.086	199.979	0.333
8	8974	8975	SN	1	-33.379	17.416	0.0	-34.091	18.823	0.0	-15.556	22.057	0.006	-20.426	23.194	0.078	0.087	161.324	0.647	0.086	190.054	0.635	0.086	2.726	0.016	0.086	8.235	0.027
9	8974	8975	NS	2	-34.226	16.768	0.0	-34.604	17.104	0.0	-18.168	22.073	0.004	-24.436	23.247	0.086	0.087	195.995	1.907	0.087	213.903	1.749	0.086	4.921	0.007	0.086	20.631	0.047
10	8974	8975	SN	1	-34.569	17.416	0.0	-33.901	18.823	0.0	-15.573	22.057	0.006	-20.394	23.194	0.078	0.087	212.113	0.645	0.086	181.901	0.636	0.086	2.737	0.016	0.086	8.172	0.027
11	8974	8975	SN	1	-33.379	17.416	0.0	-34.091	18.823	0.0	-15.556	22.057	0.006	-20.426	23.194	0.078	0.087	161.324	0.639	0.086	190.054	0.628	0.086	2.726	0.016	0.086	8.235	0.027
12	8974	8975	NS	1	-34.226	16.768	0.0	-34.604	17.104	0.0	-18.18	22.073	0.004	-24.436	23.247	0.086	0.087	195.995	1.907	0.087	213.903	1.749	0.086	4.936	0.007	0.086	20.631	0.047
13	8975	8976	NS	1	-34.996	16.833	0.0	-33.223	16.29	0.0	-26.614	22.16	0.004	-27.442	23.01	0.038	0.087	234.045	1.277	0.087	155.628	1.262	0.086	34.031	0.068	0.086	41.155	0.036
14	8975	8976	SN	1	-34.85	16.883	0.0	-34.96	17.622	0.0	1.328	21.943	0.0	1.202	22.5	0.048	0.087	226.379	1.978	0.087	232.173	1.591	0.086	0.131	0.0	0.086	0.133	0.0
15	8976	8977	NS	1	-34.462	13.351	0.0	-33.017	15.529	0.0	-24.883	22.924	0.018	-12.479	23.123	0.053	0.088	207.012	1.943	0.087	148.402	1.997	0.086	22.864	0.006	0.086	1.376	0.002
16	8976	8977	SN	1	-34.991	16.34	0.0	-34.926	17.409	0.0	0.973	21.737	0.0	0.463	22.676	0.251	0.087	233.797	4.124	0.087	230.29	3.708	0.086	0.136	0.0	0.086	0.142	0.0
17	8976	8977	SN	1	-34.991	16.34	0.0	-34.991	17.409	0.0	0.973	21.737	0.0	0.112	22.676	0.236	0.087	233.797	4.039	0.087	233.822	3.636	0.086	0.136	0.0	0.086	0.147	0.0
18	8977	8978	SN	1	-34.6	15.948	0.0	-34.912	16.021	0.0	0.345	21.644	0.0	0.384	22.311	0.034	0.087	213.649	4.613	0.087	229.615	4.013	0.086	0.144	0.0	0.086	0.143	0.0
19	8977	8978	NS	1	-34.181	17.877	0.0	-33.939	15.526	0.0	-17.892	22.161	0.004	-16.112	23.326	0.058	0.086	193.979	2.224	0.087	183.501	2.036	0.086	4.623	0.006	0.086	3.09	0.005
20	8977	8978	SN	1	-34.6	15.948	0.0	-34.912	16.021	0.0	0.345	21.644	0.0	0.384	22.311	0.034	0.087	213.649	4.599	0.087	229.615	3.998	0.086	0.144	0.0	0.086	0.143	0.0
21	8978	8979	SN	1	-34.912	17.447	0.0	-34.965	16.966	0.0	-1.868	22.653	0.087	-1.223	23.12	0.291	0.087	229.555	3.858	0.087	232.394	3.609	0.086	0.187	0.0	0.086	0.172	0.0
22	8978	8979	NS	1	-34.966	19.517	0.0	-34.889	19.237	0.0	-21.271	22.337	0.018	-25.253	23.072	0.165	0.086	232.461	4.728	0.086	228.406	4.499	0.086	9.989	0.062	0.086	24.889	0.016
23	8978	8979	SN	1	-34.807	17.447	0.0	-34.965	16.966	0.0	-1.868	22.653	0.088	-1.223	23.12	0.291	0.087	224.08	3.952	0.087	232.394	3.737	0.086	0.187	0.0	0.086	0.172	0.0
24	8979	8980	NS	1	-34.903	18.722	0.0	-34.724	21.268	0.0	1.83	22.542	0.027	1.472	23.47	0.331	0.086	229.071	4.197	0.086	219.862	4.353	0.086	0.126	0.0	0.086	0.13	0.0
25	8979	8980	SN	1	-32.589	19.612	0.0	-34.031	19.271	0.0	-10.044	23.903	0.15	-16.152	25.223	0.785	0.086	134.464	1.447	0.086	187.404	1.424	0.086	0.814	0.0	0.086	3.118	0.003
26	8979	8980	SN	1	-32.589	19.612	0.0	-34.031	19.271	0.0	-10.032	23.903	0.161	-16.152	25.223	0.787	0.086	134.464	1.56	0.086	187.404	1.665	0.086	0.812	0.0	0.086	3.118	0.003
27	8980	8981	NS	1	-34.724	22.39	0.005	-34.032	17.91	0.0	-2.781	22.368	0.039	-6.983	23.527	0.768	0.086	219.796	2.808	0.086	187.503	2.553	0.086	0.212	0.0	0.086	0.437	0.0
28	8987	8988	SN	1	-34.685	20.787	0.0	-34.532	18.979	0.0	-30.341	22.068	0.003	-32.516	22.874	0.058	0.086	217.868	2.471	0.086	210.313	1.996	0.086	80.171	0.123	0.086	132.264	0.107
29	8987	8988	SN	1	-34.685	20.787	0.0	-32.963	18.979	0.0	-30.182	22.068	0.003	-32.516	22.874	0.058	0.086	217.868	2.376	0.086	146.615	1.914	0.086	77.278	0.122	0.086	132.264	0.107
30	8987	8988	NS	1	-33.856	20.868	0.0	-34.499	21.564	0.0	-0.371	22.288	0.012	1.102	24.553	0.146	0.086	180.031	1.795	0.086	208.792	1.558	0.086	0.155	0.0	0.086	0.134	0.0
31	8988	8989	SN	1	-34.287	18.046	0.0	-33.868	18.883	0.0	-8.29	22.316	0.004	-4.874	23.075	0.031	0.086	198.849	1.195	0.086	180.554	1.11	0.086	0.566	0.0	0.086	0.297	0.0
32	8988	8989	SN	1	-34.287	18.046	0.0	-33.868	18.883	0.0	-8.29	22.316	0.004	-4.874	23.075	0.031	0.086	198.849	1.213	0.086	180.554	1.123	0.086	0.566	0.0	0.086	0.297	0.0

Parameter Specifications	Parameters	SNR	Kp	Normal	Deviations
	Min	-65.0	0.0		
	Max	22.0	1.0	Alarming	High Errors

33	8988	8989	SN	1	-34.323	18.046	0.0	-33.868	18.883	0.0	-8.285	22.316	0.004	-4.874	23.075	0.032	0.086	200.438	1.206	0.086	180.554	1.123	0.086	0.566	0.0	0.086	0.297	0.0
34	8988	8989	NS	1	-33.516	20.914	0.0	-34.73	21.132	0.0	-11.887	23.287	0.007	-15.15	23.847	0.082	0.086	166.454	1.156	0.086	220.168	1.294	0.086	1.209	0.002	0.086	2.489	0.003
35	8989	8990	NS	1	-34.506	17.597	0.0	-34.563	15.046	0.0	-10.015	21.468	0.0	-27.974	22.933	0.027	0.087	209.077	2.03	0.087	211.85	2.271	0.086	0.809	0.0	0.086	46.522	0.024
36	8989	8990	SN	1	-32.79	16.762	0.0	-34.7	17.201	0.0	1.98	21.978	0.0	2.199	22.535	0.066	0.087	140.835	1.339	0.087	218.691	1.125	0.086	0.124	0.0	0.086	0.122	0.0

Parameter Specifications	Parameters	SNR	Kp	 Normal  Deviations  Alarming  High Errors
	Min	-65.0	0.0	
	Max	22.0	1.0	